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PATENT ABSTRACTS OF JAPAN

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(71)Applicant : BRIDGESTONE CORP

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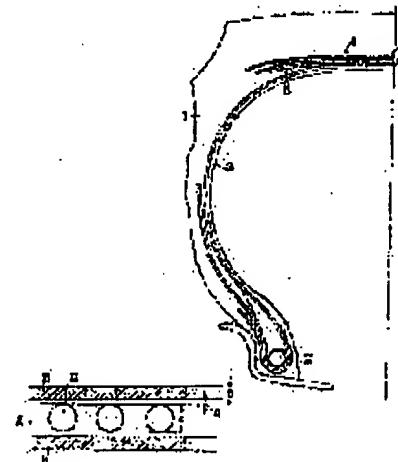
(72)Inventor : YAMAMOTO HISAO

(54) PNEUMATIC RADIAL TIRE

(57)Abstract:

PURPOSE: To improve durability to the separation due to an external damage by providing the JIS spring hardnesses of both a coating rubber layer and a squeegee rubber layer constituting a belt layer, the average interval between metallic cords and the squeegee rubber layer, the mean thickness of the squeegee rubber layer, and the diameter of the metallic cord with specific values respectively.

CONSTITUTION: A plurality of belt layers 4 for reinforcing the crown part of the carcass 3 of a pneumatic radial tire 1 are reinforced by metallic cords 5, and in two layers out of the belts 4, metallic cords 5 are crossed each other with the equatorial surface between. At least the outermost layer out of belt layers 4 has a coating rubber layer A for covering the metallic cords 5, and squeegee rubber layers B being closely laminated on both surfaces thereof. In this case, it is so determined that the JIS spring hardness HA of the coating rubber layer A and the JIS spring hardness HB of the squeegee rubber layer B satisfy the expression $1.0 \leq HA/HB \leq 1.2$, and also the average interval (a) mm between the metallic cords and the squeegee rubber layer, the mean thickness (b) mm of the squeegee rubber layer, and the diameter (c) mm of the metallic cord satisfy the expressions $0 < a \leq 0.2c$, and $0.2c \leq b \leq 0.5c$.



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